

# National Ocean Sciences Bowl

## ❖ Great Lakes Bowl ❖



### What is it?

The National Ocean Sciences Bowl is a nationwide academic competition among teams of high school students. Regional competitions will be held around the U.S. in February 2006 with the final national competition held in Monterey, CA in May 2006. The NOSB will test students' math and science skills as applied to topics on ocean (and Great Lakes) biology, chemistry, geology, physics, technology, history, and economics. Information about NOSB is available online to help students and teachers prepare for the competition: <http://www.nosb.org/>. You can also visit the Great Lakes Environmental Research Laboratory's NOSB web pages at <http://www.glerl.noaa.gov/pr/nosb/cur/>.

### When / Where will it be held?

The Great Lakes Bowl of the NOSB will be held on Saturday, **February 11, 2006** at the University of Michigan Central Campus, in Ann Arbor, Michigan.

### Who competes?

High school teams of four students, one alternate, and a coach will compete in question and answer matches during the day-long round-robin, double elimination competition. The competition format will be a 6 minute buzzer round, 2 team challenge questions, and another 6 minute buzzer round. The Team Challenge Questions require analysis of data presented and synthesis of several scientific and mathematical concepts. The students work as a team, and each team has the opportunity to win 20 points.

### What are the prizes?

The Great Lakes Bowl will award cash prizes, trophies, medals, and other prizes to top-finishers. The overall winning team of the regional competition wins a paid trip to Monterey, CA in April 2006 to compete in the National Ocean Sciences Bowl finals. The grand prize for the winning team of the finals competition has not yet been determined, but prizes for previous

years included cruises on oceanographic research vessels, visits to oceanographic research laboratories, computer hardware/software for the winning team's school, scientific equipment and laboratory supplies, scholarships, endowments, t-shirts, trophies, and medals.

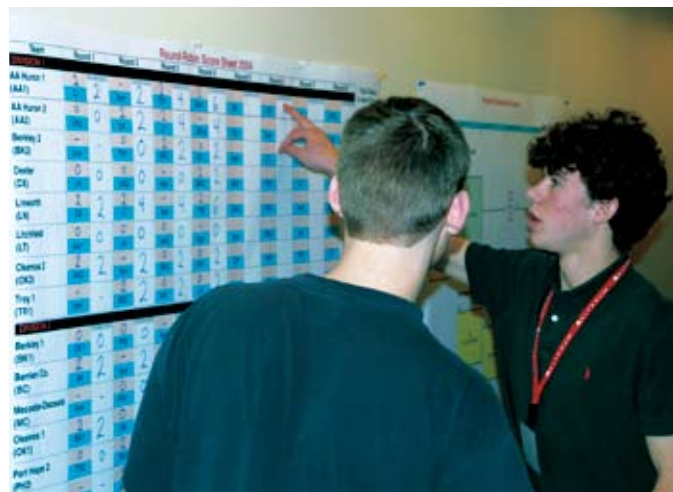
### How do I enter?

The Great Lakes Bowl will be limited to 16 teams. Team entry in the event will be approved on a first-come first-served basis. Teams must complete and submit all required forms to be approved for entry into the event. Entry forms will be accepted through

**December 16, 2005.**

Registration forms can be found on-line at the NOSB home page: <http://www.nosb.org/>, and mailed to:

Laura Florence  
Great Lakes Environmental Research Laboratory  
2205 Commonwealth Blvd.  
Ann Arbor, MI 48105-2945  
TEL: 734-741-2392 ~ FAX: 734-741-2055  
email: [laura.florence@noaa.gov](mailto:laura.florence@noaa.gov)



## Schools that competed in the 2005 Great Lakes Bowl

- Berkley High School, Berkley, MI (4th place)
- Berrien Co. Math/Science Center, Berrien Springs, MI
- Birmingham Groves High School, Birmingham, MI
- Dexter High School, Dexter, MI (2nd place)
- Huron High School, Ann Arbor, MI (3rd Place)
- Linworth Alternative Program, Worthington, OH (2005 Winner)
- Mecosta-Osceola M/S/T Center, Big Rapids, MI
- Okemos High School, Okemos, MI
- Port Hope High School, Port Hope, MI
- Sterling Heights High School, Sterling Heights, MI
- Troy High School, Troy, MI

“The National Ocean Sciences Bowl provides a unique opportunity to help promote literacy in science and mathematics through gaining a fundamental understanding of our greatest natural resource, the world’s oceans.

This educational project will also, for the first time, begin to forge a stronger link between the oceanographic research institutions and their neighboring communities of K-12 teachers and students.”

*ADM James D. Watkins  
U.S. Navy, Retired  
President, Consortium for Oceanographic  
Research and Education*

## Who hosts/coordinates it?

### Regional Hosts

- NOAA, Great Lakes Environmental Research Laboratory (GLERL)
- University of Michigan
- Michigan Sea Grant Program
- Cooperative Institute for Limnology & Ecosystems Research

### Regional Sponsors

- NOAA, Great Lakes Environmental Research Laboratory (GLERL)
- Cooperative Institute for Limnology & Ecosystems Research
- Michigan Sea Grant Program
- University of Michigan: School of Natural Resources and Environment
- Great Lakes Commission
- USGS, Great Lakes Science Center
- ALTARUM
- Pfizer
- LimnoTech

### National Hosts/Coordinators

- Consortium for Oceanographic Research and Education (CORE)
- National Marine Educators Association (NMEA)

### National Sponsors

- Consortium for Oceanographic Research & Education (CORE)
- National Oceanic and Atmospheric Administration (NOAA)
- Office of Naval Research
- Oceanographer of the Navy
- National Science Foundation (NSF)
- National Aeronautics and Space Administration (NASA)
- U.S. Dept. of Energy
- Brunswick Public Foundation
- IEEE Oceanic Engineering Society
- Minerals Management Service
- Sea Education Association
- U.S. Geological Survey (USGS)
- U.S. EPA
- Dolphin Quest
- Hilton Waikoloa Village
- The Ocean Conservancy

